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?ds

Set	Items	Description
S1	225	PHARMAC?(3N)(NETWORK? OR SERVER?)
S2	1111	PHARMAC?(3N)(DISTRIBUTOR? ? OR DISTRIBUTION? OR FULFILLMEN- T? OR PRODUCT()DISTRIBUTION()SITE? OR CENTRALIZ? OR CENTRALIS? OR OUTSOURC?)
S3	2511	(PREPAR? OR DISPENS? OR RECEIV? OR FILL? ? OR FILLING? OR - DISTRIBUT? OR REFILL? OR ORDER OR ORDERS OR ORDERING) (3N) (MED- ICATION? OR PRESCRIPTION? OR RX OR DOSAGE? OR MEDICINE?)
S4	45244	(ACCEPT? OR PROCESS? OR PREPAR? OR DISPENS? OR RECEIV? OR - FILL? ? OR FILLING? OR DISTRIBUT? OR REFILL?) (3N) (ORDER OR OR- DERS OR REQUEST OR REQUESTS)
S5	1371	AU=(STEEN, E? OR STEEN E? OR BRANDON, W? OR BRANDON W? OR - WILVERDING, T? OR WILVERDING T? OR KOCH, M? OR KOCH M? OR PFE- IFFER, J? OR PFEIFFER J?)
S6	1317	S1 OR S2
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S8	14	S7 NOT PY>1999
S9	13	RD (unique items)
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S12	22	S11 NOT PY>1999
S13	18	RD (unique items)
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9/5/1 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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1029871 ORDER NO: AAD88-26028

**AN ECONOMIC ANALYSIS OF GENERIC DRUG SUBSTITUTION**

Author: SALEHI, HOSSEIN

Degree: PH.D.

Year: 1988

Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, LOS ANGELES (0031)

CHAIR: MICHAEL D. INTRILIGATOR

Source: VOLUME 49/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2750. 222 PAGES

Descriptors: ECONOMICS, COMMERCE-BUSINESS; ECONOMICS, THEORY; BUSINESS ADMINISTRATION, MARKETING

Descriptor Codes: 0505; 0511; 0338

New laws and regulations have been instituted in recent years in order to contain the cost of prescription drugs. State antisubstitution laws enacted during the 1950s to prevent pharmacies from substituting generic drugs for brand name drugs prescribed have been replaced in all states by new drug product selection laws. In 1984 a compromise bill, the Drug Price Competition and Patent Term Restoration Act, was passed by the Congress to speed up the marketing of generic drugs while granting up to five years longer patent protection to the original brand name manufacturers. In 1980, the California Supreme Court created a landmark tort doctrine, the market share liability, in *Sindell v. Abbott Laboratories*. The doctrine directly uses probability, market share, to establish and assign liability in tort cases. The overall effects of these legal developments on the prescription drug market is the subject of this study.

The analysis suggests that the new drug product selection laws and the 1984 Act would facilitate the penetration of generic drugs into the once brand name dominated prescription drug market. The size of the multi-source prescription drug market, however, might become more limited as the major pharmaceutical firms introduce new patented prescription drugs to replace the off patented ones.

The pharmacist's role in distribution and administration of prescription drugs is expected to increase in the future. Attempts to limit the role, market power, and shift of revenues to pharmacists, short of introduction of new patented drugs, would be unsuccessful. Our estimates of pharmacists' pricing models indicated that both the professional fee and markup are higher when generic drugs are substituted for brand name drugs so that the gross profits produced by dispensing a brand name or a generic drug is the same. Almost all of the difference in the acquisition cost of the drug prescribed and the drug dispensed is passed on to the consumers.

The adoption of market share liability doctrine and the use of probability to establish causation, other things being equal, would have chilling effects on investment in pharmaceutical R&D and introduction of new drugs. In addition, the doctrine is expected to result in further concentration of the pharmaceutical industry.

The overall effects of these developments on the average price of prescription drugs is uncertain. We hypothesized that the average price of prescription drugs over their life cycle would increase.

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09166444

Zeria to start overseas clinical trials for new drugs

JAPAN: ZERIA'S NEW DRUGS TRIAL DONE OVERSEAS

Nikkei Net Interactive (ATM) 27 Sep 1999 TheNikkei Financial Daily p.1

Language: ENGLISH

In order to develop medications by outsourcing clinical trials, Zeria Pharmaceutical Co of Japan will launch two overseas projects to help increase its earnings and to speed up its R&D activities. A medication that can improve the digestive functions of organs will be developed under one of the project which will be based in the U.K. The other project will be conducted in the U.S. It will test and exam drugs for treating HIV (human immunodeficiency virus) and falling white blood-cell count.

COMPANY: ZERIA PHARMACEUTICAL

PRODUCT: Biological Products (2831);

EVENT: Companies Activities (10);

COUNTRY: United Kingdom (4UK); Japan (9JPN); United States (1USA);

9/5/3 (Item 2 from file: 583)

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06679627

Preferential tax lifts Guangzhou Parmaceutical

CHINA: CHINESE MEDICINE MAKER'S NET PROFIT DROPS

South China Morning Post (XKT) 31 Aug 1998 p.b2

Language: ENGLISH

Chinese **medicine** maker and **distributor** Guangzhou **Pharmaceutical** saw a 12% drop in net profit to RMB 77.4 mn for the first half year, compared with the same period of last year. Turnover increased 11% to RMB 1.8 bn. Manufacturing Trading Turnover RMB611.3mn(+7.4%) RMB1.2bn(+13%) Pre-tax profit RMB 64.4mn(+0.3%) RMB 37.8mn(-3%) The company was not seriously affected by the Asian financial crisis as it targeted domestic market. It will pay about RMB 23.8 mn to its parent for the right to use a land in Guangzhou for its new headquarters. \*

COMPANY: GUANGZHOU PHARMACEUTICAL

PRODUCT: Drugs & Pharmaceuticals (2830);

EVENT: Company Reports & Accounts (83); Company Formation (12); Company Formation (14);

COUNTRY: China (9CHN);

9/5/4 (Item 3 from file: 583)

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06614895

Rh4ne-Poulenc va restructurer sa filiale de distribution pharmaceuti\

FRANCE: COOPER'S SOCIAL PLAN

Les Echos (LE) 17 Apr 1998 p.9

Language: FRENCH

In France, Rh4ne Poulenc's **pharmaceutical distribution** subsidiary for non- **prescription** drugs, CoopZration Pharmaceutique FranXaise (Cooper), is going to launch an 18-month reorganisation plan, affecting 32% of its staff, or 416 people. This plan does not involve lay-offs and will include a social arrangement. The details of this social arrangement are still to be negotiated with its social partners. The objective of this plan is to make the company more competitive; it has been posting losses since 1995. Cooper is also going to invest FFr 30mn in order to focus on the most buoyant markets, such as appliances for patients at home, and orthopaedics, and to improve its logistic facilities. The company is also seeking partners to promote certain of the products in its catalogue.

COMPANY: COOPERATION PHARMACEUTIQUE FRANCAISE; COOPER

PRODUCT: Wholesale Trade (5000); OTC (Over The Counter) Drugs (2834OT);  
Drugs & Pharmaceuticals (2830);  
EVENT: Labour Information (53);  
COUNTRY: France (4FRA);

9/5/5 (Item 4 from file: 583)

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06482604

Record profits recorded by the NCC  
UK: NCC ANNOUNCES RECORD PROFITS  
Chemist & Druggist (CTD) 07 Jun 1997 p.28  
Language: ENGLISH

Following a decision to transfer a number of drugs to **pharmacy** from **prescription distribution**, National Co-operative Chemists, <the UK pharmaceutical product retailers>, has announced an increase of 3.7% in the group's over the counter (OTC) sales worth GBt 30.563mn. Figures for the year up to January 1997 show a 5.6% increase in overall profits to an unprecedented GBt 4.75mn, whilst turnover increased by 8.7% to GBt 115.609mn. As a result of reduction in sales of traditional pharmaceutical products because of competition in the form of supermarkets, out of town shopping complexes and Sunday trading, stores are now focusing on medicines and health-related products to increase sales. Future developments, in response to expected Government white papers, involve outlets offering more comprehensive services such as repeat prescriptions and health control and advisory assistance.

COMPANY: NATL CO-OPERATIVE CHEMISTS  
EVENT: Planning & Information (22); Company Reports & Accounts (83);  
COUNTRY: United Kingdom (4UK);

9/5/6 (Item 5 from file: 583)

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06474182

L'industrie veut organiser la distribution  
BELGIUM: NEW DISTRIBUTORS FOR MEDICATIONS  
L'Echo (EB) 24-26 May 1997 p.13  
Language: FRENCH

The AGIM (General Association of the Medication Industry) is going to begin a feasibility study on **medication distribution** in Belgium. The **pharmaceutical** companies want to organise the distribution themselves, since the wholesalers which currently control 44% of the market have a 13% margin of the public price. In addition to wanting better profitability, there is the fear of seeing the distribution of generic medications develop in Belgium at the initiative of a Dutch group and a certain number of Belgian wholesalers. This new competition is pushing Belgian operators to squeeze their costs in order to remain competitive.

COMPANY: AGIM

PRODUCT: Drugs & Pharmaceuticals (2830);  
EVENT: Company Reports & Accounts (83); National Government Economics (94);  
COUNTRY: Belgium (4BEL);

9/5/7 (Item 6 from file: 583)  
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06270843  
La France toujours en panne  
FRANCE: PHARMACEUTICAL INNOVATION IN QUESTION  
Informations Chimie (ICE) Feb 1996 p.55  
Language: FRENCH

According to a report by Etienne Barral of the Rh4ne-Poulenc Rorer Foundation, France lags behind in terms of **pharmaceutical** innovation and worldwide **distribution** of new **medications**. Between 1975 and 1994, 1,061 medications were marketed by the world's seven major pharmaceutical countries (the United States, Germany, France, Italy, Switzerland, the United Kingdom, and Japan) and only 152 of these were sold in all of these seven countries. In addition, out of the 1,061 new medications, only 109 were really innovative. Out of the 152 products which were sold worldwide during this period, only five were discovered in France, and no new medication has been introduced for sale in most of these seven major countries since 1995. France dropped from second place among discoverers of medications at the end of the seventies to seventh place in 1994.

PRODUCT: Ethical Products (2834EL);  
EVENT: Research & Development Activity (45);  
COUNTRY: France (4FRA);

9/5/8 (Item 7 from file: 583)  
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06033151  
COSMETIQUE. PIERRE FABRE SE RECENTRE  
FRANCE: PIERRE FABRE SELLS SANTE ET BEAUTE  
Le Nouvel Economiste (XNQ) 12 Aug 1994 No958, p.9  
Language: FRENCH

Pierre Fabre has sold its Sante et Beaute subsidiary to Carter Wallace. Sante et Beaute distributes several ranges of products sold in large stores (Helene Curtis, Croix Bleue, Email Diamant products, and Manix condoms, among other things). This sale is part of Pierre Fabre's policy which aims to focus on **medications** and **distribution** to **pharmacies**.

COMPANY: SANTE ET BEAUTE; CARTER WALLACE; PIERRE FABRE

PRODUCT: Cosmetics (2844CO); Soaps, Detergents & Toiletries (2840);  
EVENT: Company Acquisitions (16);  
COUNTRY: France (4FRA);

9/5/9 (Item 8 from file: 583)  
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05964135  
15pc of KPJ's equity to be offered to the public on listing  
MALAYSIA: KPJ TEAMS UP WITH AUSTRALIAN VARSITY  
The Star (XAT) 22 Mar 1994 p.3  
Language: ENGLISH

On 21 March 1994, Kumpulan Perubatan Johor Sdn Bhd (KPJ) inked a joint venture deal with the University of South Australia to start a twin nursing program for its entirely-owned subsidiary Puteri Nursing College (PNC). Under this twinning program, PNC will get post-basic nursing training

programs. KPJ is to open a Sport Medical Centre in Kuala Lumpur very soon. In addition, it will set up 20 **pharmaceutical distribution** outlets, named **PharmaCare Medicine Shoppe**, a year. It aimed to have 200 of such outlets by the year 2000. Meanwhile, KPJ is offering 15% equity in its wholly-owned subsidiary KPJ Health Care Bhd. XX

COMPANY: KPJ HEALTH CARE; KUMPULAN PERUBATAN JOHOR

PRODUCT: OTC (Over The Counter) Drugs (2834OT);

EVENT: Planning & Information (22); Public Affairs (29);

COUNTRY: Malaysia (9MAO); Australia (9AUS);

9/5/10 (Item 9 from file: 583)

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05887126

Twelve of the best

UK: GERARD HOUSE SELECTS 12 FOR PHARMACIES

Community Pharmacy (CPY) Aug 1993 p.18

Language: ENGLISH

Gerard House has chosen 12 of its best selling herbal **medicines** for **pharmacy distribution**. Six have been selected to treat problems that women commonly suffer, and six for general ailments that can hit any family member. \*

COMPANY: GERARD HOUSE

PRODUCT: Pharmaceutical Preparations (2834); Drugs & Pharmaceuticals (2830);

EVENT: Marketing Procedures (24);

COUNTRY: United Kingdom (4UK);

9/5/11 (Item 10 from file: 583)

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05873934

La BEI conforte les ambitions des laboratoires Fabre

FRANCE: AN EIB LOAN FOR PIERRE FABRE

La Tribune Desfosses (TCD) 19 Jul 1993 p.9

Language: FRENCH

On 16 July 1993, the European Investment bank granted a FFr 125mn loan to the Pierre Fabre pharmaceutical laboratories. This loan, at a particularly good rate, will enable Pierre Fabre to finance its FFr 396mn investment program over four years. The purpose of this program is to reorganise the company's research and development installations, particularly for cancer, cardiovascular and central nervous system **medications**. The production and **distribution** units for **pharmaceutical** products will be rationalised. This program concerns the Midi-Pyrenees region, which receives structural aid from the EC.

COMPANY: PIERRE FABRE; BANQUE EUROPEENNE D'INVESTISSEMENT

PRODUCT: Drugs & Pharmaceuticals (2830);

EVENT: Company Financial Data (80); Planning & Information (22);

COUNTRY: France (4FRA);

9/5/12 (Item 11 from file: 583)

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05692315

AAH wins SB distribution

UK - SMITHKLINE APPOINTS AAH PHARMACEUTICALS  
Chemist & Druggist (CTD) 6 February 1993 p229  
ISSN: 0009-3033

SmithKline Beecham has taken on AAH **Pharmaceuticals** as sole **distributor** of their **medicines** to hospitals, in a one year contract starting from 01 February 1993. The contract covers SmithKline & French Laboratories, Beecham Research and Bencard products.\*

COMPANY: SMITHKLINE BEECHAM; AAH PHARMACEUTICALS

PRODUCT: Drugs & Pharmaceuticals (2830);  
EVENT: DISTRIBUTION/LICENSING AGREEMENTS (38);  
COUNTRY: United Kingdom (4UK); OECD Europe (415); European Economic  
Community Countries (419); NATO Countries (420); South East Asia Treaty  
Organisation (913);

9/5/13 (Item 12 from file: 583)

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05254376

Paling Ellis ad for Canesten breaks new ITVA ground

UK - BAYER LAUNCHES FIRST TV AD FOR VAGINAL THRUSH CREAM  
Campaign (CN) 7 August 1992 p11  
ISSN: 0008-2309

Bayer is launching the UK's first TV ad for its Canesten vaginal thrush cream as part of a GBP1.1 mil campaign backing the brand. The ad, through healthcare agency Paling Ellis KPR, is due to be rolled out in September 1992 in two southern test regions and will be restricted to current sanpro airtimes of 9 am to 1 pm and later than 9 pm. The on-going press ad in women's magazines continues until October 1992. The campaign follows the change in status of Canesten to **pharmacy distribution** from **prescription** -only.

COMPANY: BAYER; PALING ELLIS KPR

PRODUCT: Pharmaceutical Preparations (2834); OTC (Over The Counter) Drugs  
(2834OT);  
EVENT: ADVERTISING EXPENDITURE (48);  
COUNTRY: United Kingdom (4UK); OECD Europe (415); European Economic  
Community Countries (419); NATO Countries (420); South East Asia Treaty  
Organisation (913);

13/5/1 (Item 1 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00115229 DOCUMENT TYPE: Review

PRODUCT NAMES: Pharmacies (830198)

TITLE: Beyond Rx/D2: Linking pharmacists, doctors and nurses  
AUTHOR: Sandrick, Karen  
SOURCE: Health Management Technology, v19 n12 p26(5) Nov 1998  
ISSN: 0745-1075  
HOMEPAGE: <http://www.healthmgtttech.com>

XX

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

More Americans are enrolling in managed care plans, and prescription drugs account for nearly 15 percent of HMO expenditures. Technology is being used to help select and dispense drugs, and thus to control costs. A standalone pharmacy information system checks medical orders, prepares drug profiles, and maintains inventory. In some pharmacies, robotics is being employed to fill drug trays with 100 percent accuracy. Technology is also lending a hand in this area by tapping into up-to-date clinical references to identify potential drug interactions, and provide the latest information for patient education. This technology helps pharmacies become more efficient. However, technology automates only drug dispensing, which is the smallest part of medication use. Newer systems are automating the entire process of selecting and delivering the proper drugs to patients, a process that involves linking physicians with pharmacists, and ultimately the patient. While older systems automate order checking and drug profiling, they still require a human to pick out the drugs for each patient. Assigning that task to a machine can significantly reduce the error rate as well as improve efficiency. A robotics system can save pharmacists from this tedious task and can also help to save operating costs.

COMPANY NAME: Vendor Independent (999999)  
DESCRIPTORS: Health Care; Health Care Facilities; Order Fulfillment ;  
Patient Care; Pharmacies ; Robotics  
REVISION DATE: 20020630

13/5/2 (Item 2 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00099634 DOCUMENT TYPE: Review

PRODUCT NAMES: Pharmacies (830198)

TITLE: Pharmacists aren't impressed with old systems; majority surveyed  
pl..  
AUTHOR: Wall, Thomas  
SOURCE: Health Management Technology, v18 n1 p36(3) Jan 1997  
ISSN: 0745-1075  
HOMEPAGE: <http://www.healthmgtttech.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Most pharmacy directors and managers think their current information systems need improvement, according to a survey of pharmacists. Most graded their software or systems with a C grade, with only one granting an A and



another flunking the system altogether. About 74 percent of the 19 responding say they will upgrade their systems in the next two years, and over half plan to purchase new software or a new system in the next two years. Ease of use, integration with hospital and other IS systems, and a strong function set are of primary concern. Pharmacists also say the greatest influences on pharmacy information systems in the next three years are cost containment and department downsizing; integration with other information systems; and more patient interaction, as well as an enlarging clinical role. Pharmacists were generally split on whether they would purchase a product from their current vendors, and many did not respond when asked how many products they would test before selecting one. Systems evaluated provided such features as pharmacy **order** entry, **processing**, billing, patient profiles, drug integration, label generation, automated dispensing, allergy information, compound worksheets, **distribution**, purchasing, inventorying, **pharmacist** intervention tracking, hospital information, reporting, and query tools. Pharmacists' wish lists included better speed, more drug interaction support, better reporting, and system integration, among other features.

COMPANY NAME: Vendor Independent (999999)  
SPECIAL FEATURE: Charts Graphs  
DESCRIPTORS: Health Care; Health Care Facilities; Hospitals; Pharmacies  
REVISION DATE: 19970730

13/5/3 (Item 3 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00065193 DOCUMENT TYPE: Review

PRODUCT NAMES: Feith Document Database (FDD) (397831)

TITLE: Database Rx For Drug Firm to Handle Health-Care Rules  
AUTHOR: Moore, Mark  
SOURCE: PC Week, v11 n23 p1(2) Jun 13, 1994  
ISSN: 0740-1604

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

Feith Document Database supports a large new facility for a **pharmaceutical** products **distributor** with imaging and workflow functions. With the Feith product, the company can increase fivefold the number of orders handled each day. The product allows employees, among the staff of 200, to scan mail-order prescriptions stored as images on a server. Orders are routed to pharmacies, and prescriptions are filled using barcodes and workflow software via a LAN. The distributor can **process** many more **orders** for health maintenance organizations (HMOs), which want to obtain the lowest prices possible for large volumes of medication. The company will add electronic data interchange (EDI) support to link directly to customers.

COMPANY NAME: Feith Systems & Software Inc (339741)  
SPECIAL FEATURE: Graphs Charts  
DESCRIPTORS: Barcoding; Distributors; EDI (Electronic Data Interchange);  
Image Storage; Medical Suppliers; Order **Fulfillment**; **Pharmacies**;  
Scanners  
REVISION DATE: 20020630

13/5/4 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
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XX

6377923

**Title: Automated prescription refills retain customers and revenues**

Author(s): Rudinskas, A.

Author Affiliation: Santa Clara Valley Med. Center, San Jose, CA, USA

Journal: Health Management Technology vol.20, no.8 p.8-9

Publisher: Nelson Publishing,

Publication Date: Sept. 1999 Country of Publication: USA

CODEN: HMTEE2 ISSN: 0745-1075

SICI: 0745-1075(199909)20:8L:8:APRR;1-Z

Material Identity Number: C274-1999-009

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Santa Clara Valley Medical Center, a **network** of seven **pharmacies** that processes 50,000 prescriptions monthly, was faced with automating its refill system from voice mail to interactive voice response (IVR). With the help of Vodavi-CT (Norcross, GA) and its PathFinder technology, the medical center was able to save time and link patient phone **requests** for **refills** with its central pharmacy computer to automate **processing** of **requests** and the **filling** of prescriptions. (0 Refs)

Subfile: D

Descriptors: computer telephony integration; health care; pharmaceutical industry

Identifiers: Santa Clara Valley Medical Center; pharmacies; Vodavi-CT

PathFinder; interactive voice response; voice mail; prescriptions

Class Codes: D2060 (Health care); D4070 (Telephone systems)

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13/5/5 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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6029061

**Title: Eckerd upgrades with new CCTV system**

Journal: Chain Store Age vol.74, no.8 p.82

Publisher: Lebhar-Friedman,

Publication Date: Aug. 1998 Country of Publication: USA

CODEN: CSAGAW ISSN: 1087-0601

SICI: 1087-0601(199808)74:8L:82:EUWC;1-J

Material Identity Number: D448-98008

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: From the receiving dock to the shipping area, Eckerd Corp. Maintains close watch over all aspects of prescription handling at its **pharmacy** mail- **order** **distribution** center in Large, Fla. To achieve the highest level of protection, the facility installed a new type of closed-circuit-television (CCTV) camera system that provides transparent and flexible coverage throughout the space. Eckerd chose the system, DAVE (duplex analog video encoding), from Lewisville, Texas-based Ultrak, after a successful field test. The chain is among the first retailers in the nation to install the equipment. (0 Refs)

Subfile: D

Descriptors: closed circuit television; pharmaceutical industry; retailing

Identifiers: Eckerd Corp; pharmacy; mail- **order** **distribution** center; closed-circuit-television; duplex analog video encoding; Ultrak

Class Codes: D2140 (Marketing, retailing and distribution); D3035 (Monitoring and alarm systems)

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13/5/6 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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04026816 INSPEC Abstract Number: B9201-6210L-012, C9201-7180-003

**Title: Operation of JD-NET (drug industry data exchange system)**

Journal: Japan Computer Quarterly no.86 p.24-8

Publication Date: 1991 Country of Publication: Japan

CODEN: JCQUEL ISSN: 0910-6707

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A)

**Abstract:** As a step towards modernization of the **distribution** system between **pharmaceutical** manufacturers and drug wholesalers, JD-NET was put into full-scale operation in June 1988 with the goal of promoting the exchange of information (such as **order** issuing and **receiving** data and sales data) at the wholesaler level via an industry-wide online network. The number of companies participating in the Japan Drug-NET Conference, the body which supports JD-NET, reached 319 as of April 1991; that is, 130 manufacturers and 189 wholesale houses. This indicates how high interest is in the industry, and makes the JD-NET system one of the largest such industry-wide systems. (0 Refs)

Subfile: B C

Descriptors: computer networks; distributive data processing; manufacturing data processing; wholesale data processing

Identifiers: **order receiving** ; drug industry data exchange system; distribution system; pharmaceutical manufacturers; drug wholesalers; JD-NET ; order issuing; sales data; industry-wide online network; Japan Drug-NET Conference

Class Codes: B6210L (Computer communications); C7180 (Retailing and distribution); C7160 (Manufacturing and industry); C5620W (Other networks)

13/5/7 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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03284443 INSPEC Abstract Number: C89008951

**Title: Uniform: time and wording of order ( pharmaceutical distribution )**

Author(s): Fioroni, A.

Journal: Management & Informatica vol.26, no.7-8 p.445-9

Publication Date: July-Aug. 1988 Country of Publication: Italy

CODEN: MNGIDA ISSN: 0391-6588

Language: Italian Document Type: Journal Paper (JP)

Treatment: Practical (P)

**Abstract:** Uniform is a company for distributing pharmaceuticals in one area of Italy. Efficiency is vital for this type of work and this article describes some of the handling of the paperwork. The company was formed by pharmacists in 1970 to obtain the benefits of bulk buying and the majority of the business (85%) is subject to state controlled prices. The formation and updating of the catalogue is explained, together with operations up to a sale. The introductory updating and operation of data processing is described, together with the mechanisation and control of the stores section. There are notes on the need for special solutions for special problems, order placing and data handling. (0 Refs)

Subfile: C

Descriptors: chemical industry; distributive data processing

Identifiers: distributive DP; **pharmaceutical distribution** ; Uniform; Italy; bulk buying; order placing; data handling

Class Codes: C7180 (Retailing and distribution)

13/5/8 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01610365 ORDER NO: AAD98-09535

**THE EVOLUTION AND ASSESSMENT OF PHARMACEUTICAL CARE: STRUCTURE, PROCESSES, AND OUTCOMES (DRUG DISTRIBUTION, DRUG DELIVERY OUTCOMES, DIRECT PATIENT**

CARE)

Author: ANDERSON, ROGER WILLIAM

Degree: DR.P.H.

Year: 1997

Corporate Source/Institution: THE UNIV. OF TEXAS H.S.C. AT HOUSTON SCH.  
OF PUBLIC HEALTH (0219)

Supervisor: OSAMA I. MIKHAIL

Source: VOLUME 58/09-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 4734. 308 PAGES

Descriptors: HEALTH SCIENCES, PHARMACY ; HEALTH SCIENCES, PUBLIC HEALTH  
; HEALTH SCIENCES, HEALTH CARE MANAGEMENT

Descriptor Codes: 0572; 0573; 0769

The evolution of pharmaceutical care is identified through a complete review of the literature published in the American Journal of Health-System Pharmacy, the sole comprehensive publication of institutional pharmacy practice. The evolution is categorized according to characteristics of structure (organizational structure, the role of the pharmacist), process (drug delivery systems, formulary management, acquiring drug products, methods to impact drug therapy decisions), and outcomes (cost of drug delivery, cost of drug acquisition and use, improved safety, improved health outcomes) recorded from the 1950s through the 1990s. While significant progress has been made in implementing basic drug **distribution** systems, levels of **pharmacy** involvement with direct patient care is still limited.

A new practice framework suggests enhanced direct patient care involvement through increase in the efficiency and effectiveness of traditional pharmacy services. Recommendations advance internal and external organizational structure relationships that position pharmacists to fully use their unique skills and knowledge to impact drug therapy decisions and outcomes. Specific strategies facilitate expansion of the breadth and scope of each **process** component in **order** to expand the depth of integration of pharmacy and pharmaceutical care within the broad healthcare environment. Economic evaluation methods formally evaluate the impact of both operational and clinical interventions.

Outcome measurements include specific recommendations and methods to increase efficiency of drug acquisition, emphasizing pharmacists' roles that impact physician prescribing decisions. Effectiveness measures include those that improve safety of drug distribution systems, decrease the potential of adverse drug therapy events, and demonstrate that pharmaceutical care can significantly contribute to improvement in overall health status.

The implementation of the new framework is modeled on a case study at the M.D. Anderson Cancer Center. The implementation of several new drug distribution methods facilitated the redeployment of personnel from distributive functions to direct patient care activities with significant personnel and drug cost reduction. A cost-benefit analysis illustrates that framework process enhancements produced a benefit-to-cost ratio of 7.9. In addition, measures of effectiveness demonstrated significant levels of safety and enhanced drug therapy outcomes.

13/5/9 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01497205 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.

**EXTEMPORANEOUS COMPOUNDING IN SWEDEN: PRESCRIBING PATTERNS, APPROPRIATENESS AND PROFESSIONAL SIGNIFICANCE**

Author: KETTIS LINDBLAD, ASA MARGARETA

Degree: FIL.DR

Year: 1996

Corporate Source/Institution: UPPSALA UNIVERSITET (SWEDEN) (0903)

Source: VOLUME 57/03-C OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 924. 67 PAGES

Descriptors: HEALTH SCIENCES, PHARMACY  
Descriptor Codes: 0572  
Publisher: ALMQVIST & WIKSELL INTERNATIONAL, STOCKHOLM, SWEDEN

The aims of this thesis are to analyze the characteristics and appropriateness of the extemporaneous preparation prescribing in Sweden, as well as **pharmacist** perceptions of the **centralized** compounding system and the importance of compounding to their profession.

Data sources include information on the **orders** of extemporaneous **preparations** from 11 pharmacies to the production units 1987-1989; prescription data from a continuous survey of physicians--The National Diagnosis and Therapy Survey--1986-1988; and a survey of pharmacists conducted in 1991.

The results showed that extemporaneous preparations formed about 1.5% of the total number of prescribed drugs, and that they were especially common in the fields of dermatology and pediatrics.

Most preparations were considered to be both therapeutically and pharmaceutically appropriate, even though a minor proportion, 3.5%, were designated as therapeutically inappropriate. Many of these preparations could possibly have been replaced by therapeutically equivalent approved manufactured drugs. Whether substitution could have been done in practice would depend on the individual patient case.

The proportion of prescribers for extemporaneous preparations was similar in all, but the youngest (<\$35 years), age groups, and the majority were specialists who prescribed preparations within their own sphere of authority.

Most **pharmacists** perceived the **centralization** of the compounding services system as mainly positive. Still, many of them, especially younger ones, reported difficulties in dispensing extemporaneous preparations. It was also evident that many pharmacists perceive compounding as an important part of the pharmacy profession, even though a minority of them practice it.

13/5/10 (Item 3 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01265720 ORDER NO: AAD83-24844  
PHARMACOKINETICS AND DISTRIBUTION OF DIETARY POLYCHLORINATED BIPHENYLS (PCBS) IN JUVENILE HUDSON RIVER STRIPED BASS, MORONE SAXATILIS (NEW YORK)  
Author: PIZZA, JOHN C.  
Degree: PH.D.  
Year: 1983  
Corporate Source/Institution: NEW YORK UNIVERSITY (0146)  
Source: VOLUME 44/07-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2049. 119 PAGES  
Descriptors: BIOLOGY, GENERAL; FISHERIES  
Descriptor Codes: 0306; 0792

This work describes the dietary accumulation of Aroclor 1254 by young-of-year Hudson River striped bass (*Morone saxatilis*). The fish received (<sup>14</sup>C)-PCB in live diet. The food organism, *Gammarus tigrinus*, was radiolabeled by 24 hr static exposure at 10 (μg)/L.

Fish were fed by gavage during single- and multiple-dose studies. Secondary ((<sup>14</sup>C)-PCB solubilized from feces) uptake was determined; dietary absorption accounted for 98.3% of the total (<sup>14</sup>C)-PCB body burden after two feedings.

The amount of (<sup>14</sup>C)-PCB remaining in the alimentary tract decreased as a function of time with two phases. Initially, PCB uptake implied a first- **order process** with an absorption rate-constant ( $k(a)$ ) of 0.1031 hr<sup>-1</sup>. The second phase of PCB removal reflected clearance from tract tissue; the elimination rate-constant ( $k(e)$ ) was shown not to differ from that of liver/gall bladder, head, remaining carcass, and total fish. The  $k(e)$  for whole body was 0.0054 hr<sup>-1</sup>. The relationship of  $k(a)$  and

k(,e) indicated that a maximum of 85% of the single dose had been incorporated into the body at 30 hr.

The body distribution was determined for one, two, and three (<sup>14</sup>C)-PCB doses; the data showed a stepwise increase in burden. For the organs tested, PCB was significantly more concentrated by liver/gall bladder. The PCB elimination rate for liver/gall bladder was approximately four times that of other organs.

The multiple-dose study supported the use of first-order kinetics to describe PCB elimination from striped bass. For the three doses administered, the elimination rate-constant (0.0058 hr<sup>-1</sup>) was shown to agree with the value determined by the single-dose study. Equations defining zero-order input and first-order output were used to describe the attainment of plateau burden.

Pharmacokinetic principles were used to develop a model of dietary PCB accumulation. The model incorporated data on growth and feeding rates of Hudson River striped bass. The bioaccumulation factor determined by this approach was applied to the PCB concentrations found in wild populations of Hudson River *G. tigrinus* and striped bass.

13/5/11 (Item 1 from file: 583)

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09037916

Competencia anula el doble precio de Glaxo

SPAIN: DOUBLE PRICE FROM GLAXO WELLCOME REJECTED

Expansion (EXN) 29 Dec 1998 p.4

Language: SPANISH

A Pta 600mn security has been deposited by Spanish **pharmaceutical distributors** in order to halt the double-price policy implemented by the Spanish subsidiary of the UK group Glaxo Wellcome. In 1998, Glaxo Wellcome announced that prices of its medicines would be different if sent to the Spanish market or to the EU. \*

COMPANY: GLAXO WELLCOME

PRODUCT: Drugs & Pharmaceuticals (2830);

EVENT: Commodity & Service Prices (72);

COUNTRY: United Kingdom (4UK); Spain (4SPA);

13/5/12 (Item 2 from file: 583)

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06274706

KRONANS DROGHANDEL FLYGER PILLER FRAN GOTEBOG TILL DE SJU HAVEN

SWEDEN/NORWAY: PHARMASEA ESTABLISHED AT SEA

Dagens Industri (DI) 27 Feb 1996 s. 24

Language: SWEDISH

The Swedish **pharmaceutical distribution** company Kronans Droghandel from Gothenburg has set up a new business unit called Pharmasea together with the distribution firm Holtung in Norway, in which Kronans Droghandel controls some 50 percent. The new Pharmasea company will market and distribute pharmaceuticals to the 50 000 merchant ships of the world, and specialise in quick deliveries to on-board ship pharmacies. The company Pharmasea will **accept orders** per fax or satellite links (it will be located in the north of Sweden) and then transmit the orders to Kronans Droghandel or Holtung. Products will then be shipped to a port of call for the relevant ship within 24 hours. Holtung is the second company on the market for Pharmaceuticals in Norway, as the Government-controlled Norsk Medisinaldepot dominates the rest of the market.

COMPANY: NORSK MEDICINALDEPOT; PHARMASEA; HOLTUNG; KRONANS DROGHANDEL  
PRODUCT: Water Transportation (4400); Drugs & Pharmaceuticals (2830);  
EVENT: Company Formation (12); Company Formation (14);  
COUNTRY: Norway (5NOR); Sweden (5SWE);

13/5/13 (Item 3 from file: 583)  
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06229246  
APOTEKSBOLAGET UNDER LUPPEN  
SWEDEN: APOTEKSBOLAGET TO BE INVESTIGATED  
Svenska Dagbladet (XUX) 15 Nov 1995 s. N5  
Language: SWEDISH

An external consultancy firm will examine the Swedish **pharmaceutical distribution** company Apoteksbolaget, in **order** to evaluate the truth in the criticism which has been levelled against the company of lately, the Swedish paper states. After one month, a report will be delivered to the board of the company. Critics have pointed out the fact that the company makes too large profits on the most expensive drugs within its distribution range, and that cheaper and more efficient alternative prescription drugs aren't marketed to doctors. Also, the company has been criticised for marketing drugs that are prohibited in Sweden to the Baltic countries, and the conspicuously high salary of its MD Eke Hallman (around 225 000 SEK or 33 580 US\$ a month) the paper states. Chairman of the Board Ms. Barbro Fischerstrvm says that the company is "extremely interested" in establishing better relations to other companies, customers and other concerned parties, and that better background information is needed to implement such changes.

COMPANY: APOTEKSBOLAGET

PRODUCT: Drugs & Pharmaceuticals (2830);  
EVENT: Foreign Trade (64); Marketing Procedures (24); Personal Income (52);  
COUNTRY: Sweden (5SWE); USSR (6USS);

13/5/14 (Item 4 from file: 583)  
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06197354  
TRANSFERT D'ACTIVITE POUR THOMAS  
FRANCE: THOMAS TRANSFERS ITS OPERATIONS  
L'Usine Nouvelle (LNW) 31 Aug 1995 p.36  
Language: FRENCH

In France, Thomas, the **pharmaceutical distributor**, has invested FFr 35mn in the construction of an 8,000 square metre logistics platform a few kilometres from Agen. It will go into service in 1996, and it will handle Thomas' operations which are currently located at Agen. This platform has a FFr 8.5mn automated system for **preparing orders**.

COMPANY: THOMAS

PRODUCT: Wholesale Trade (5000); Drugs & Pharmaceuticals (2830);  
EVENT: Plant/Facilities/Equipment (44); Company Formation (12); Company Formation (14);  
COUNTRY: France (4FRA);

13/5/15 (Item 5 from file: 583)

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06172534

THOMAS **CENTRALISE** SA LOGISTIQUE **PHARMACEUTIQUE**  
FRANCE: THOMAS INVESTS FFR 30MN AT AGEN  
Le Nouvel Economiste (XNQ) 2 Jun 1995 p.36  
Language: FRENCH

In France, Thomas, ERPI's **pharmaceutical distributor** subsidiary, is to invest FFr 35mn to build a 8,000 square metre logistics platform near Agen. This unit, which is to go into service at the beginning of 1996, will handle 22,000 products and will be equipped with a FFr 8.5mn automated **order preparation** system. Thomas is focusing on centralised supply, taking over logistics surcharges will enable it to negotiate rebates with the laboratories.

COMPANY: ERPI; THOMAS

PRODUCT: Wholesale Trade (5000); Drugs & Pharmaceuticals (2830);  
EVENT: Production Management (23); Capital Expenditure (43);  
COUNTRY: France (4FRA);

13/5/16 (Item 6 from file: 583)

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05376357

United Drug gets 65% level of acceptance  
UK - UNITED DRUG RECEIVES 66% ACCEPTANCE FOR ALCHEM'S EQUITY  
Irish Times (IT) 13 October 1992 p13

Alchem (UK), pharmaceutical wholesaler, will be part-acquired by United Drug (UK), **pharmaceutical** and **distribution** group, which has received 66% acceptances for 1,144,867 ordinary shares in Alchem. The offer was conditional on United Drug receiving over 50% acceptances yet the company is hoping for a 90% **acceptance** rate in **order** to acquire the remaining shares, which will then make Alchem a fully owned subsidiary.

COMPANY: UNITED DRUG; ALCHEM

PRODUCT: Drugs, Cosmetics, Toiletries Whsle (5120); Drugs & Pharmaceuticals (2830);  
EVENT: COMPANY ACQUISITION - 50% - BELOW 75% (16);  
COUNTRY: United Kingdom (4UK); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

13/5/17 (Item 7 from file: 583)

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04970504

Drug despatch easier with all-in-one label/order note  
UK - STANDARD CONTINUOUS OFFERS INNOVATIVE LABEL/ORDER NOTE  
Manufacturing Chemist (MC) 0 March 1992 p47  
ISSN: 0262-4230

Standard Continuous (Solihull, UK) has launched the Dart system, described as Europe's first form/label combination for **pharmaceutical distribution**. The system is intended to help drug firms fall into line with the European drug labelling directive and hasten drug **distribution**. **Order** and despatch notes can be married with labels incorporating delivery



addresses. For possibly the first time, a form has been combined with a self-adhesive, peel-off label, with the labels on a strong backing sheet which, for information purposes, can be kept.

COMPANY: STANDARD CONTINUOUS

PRODUCT: Labels (2641LA);

EVENT: NEW PRODUCT LAUNCH (33);

COUNTRY: United Kingdom (4UK); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

13/5/18 (Item 8 from file: 583)

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04624093

**Pharmaceutical distribution : facing the challenge**

UK - MANY CHANGES IN **PHARMACEUTICAL DISTRIBUTION**

Community Pharmacy (CPY) 0 October 1991 p24-27

Methods of distributing pharmaceuticals in the UK are currently undergoing many changes, with short-line wholesalers threatening full-line operators and national wholesalers engulfing regional concerns. Furthermore, Glaxo is moving to self-distribution, and this will have a negative effect on community pharmacy, according to Michael Watts, Director of the National Association of **Pharmaceutical Distributors** (NAPD). Glaxo is likely to represent 17.5% of the product range of a pharmacist when it introduces self- **distribution** , forcing **pharmacists** to **order** more of other products or lose their discount gained by meeting a certain order value. This will have most impact on full-line wholesalers, and distribution activities are also being threatened by moves by Lloyds to purchase community pharmacies, using a system which forces pharmacists to hold a lot of stock.

PRODUCT: Drugs, Cosmetics, Toiletries Whsle (5120);

EVENT: PHYSICAL DISTRIBUTION ACTIVITIES (69);

COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420); South East Asia Treaty Organisation (913);

File 16:Gale Group PROMT(R) 1990-2004/Mar 04  
     (c) 2004 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2004/Mar 04  
     (c)2004 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
     (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2004/Mar 04  
     (c) 2004 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2004/Mar 03  
     (c) 2004 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2004/Mar 04  
     (c) 2004 The Gale Group  
 File 9:Business & Industry(R) Jul/1994-2004/Mar 03  
     (c) 2004 Resp. DB Svcs.  
 File 15:ABI/Inform(R) 1971-2004/Mar 04  
     (c) 2004 ProQuest Info&Learning  
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     (c) 2004 The Dialog Corp.  
 File 95:TEME-Technology & Management 1989-2004/Feb W3  
     (c) 2004 FIZ TECHNIK  
 File 476:Financial Times Fulltext 1982-2004/Mar 04  
     (c) 2004 Financial Times Ltd  
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     (c) 2004 Business Wire.  
 File 613:PR Newswire 1999-2004/Mar 03  
     (c) 2004 PR Newswire Association Inc  
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     (c) 2004 McGraw-Hill Co. Inc  
 File 634:San Jose Mercury Jun 1985-2004/Mar 03  
     (c) 2004 San Jose Mercury News  
 File 810:Business Wire 1986-1999/Feb 28  
     (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
     (c) 1999 PR Newswire Association Inc

?ds

Set	Items	Description
S1	17073	PHARMAC?(3N)(NETWORK? OR SERVER?)
S2	40861	PHARMAC?(3N)(DISTRIBUTOR? ? OR DISTRIBUTION? OR FULFILLMEN- T? OR PRODUCT()DISTRIBUTION()SITE? OR CENTRALIZ? OR CENTRALIS? OR OUTSOURC?)
S3	86779	(PREPAR? OR DISPENS? OR RECEIV? OR FILL? ? OR FILLING? OR - DISTRIBUT? OR REFILL? OR ORDER OR ORDERS OR ORDERING) (3N) (MED- ICATION? OR PRESCRIPTION? OR RX OR DOSAGE? OR MEDICINE?)
S4	1404400	(ACCEPT? OR PROCESS? OR PREPAR? OR DISPENS? OR RECEIV? OR - FILL? ? OR FILLING? OR DISTRIBUT? OR REFILL?) (3N) (ORDER OR OR- DERS OR REQUEST OR REQUESTS)
S5	274	AU=(STEEN, E? OR STEEN E? OR BRANDON, W? OR BRANDON W? OR - WILVERDING, T? OR WILVERDING T? OR KOCH, M? OR KOCH M? OR PFE- IFFER, J? OR PFEIFFER J?)
S6	55713	S1 OR S2
S7	940	S6(3N)S3
S8	34	S7(8N)S4
S9	26	S8 NOT PY>1999
S10	15	RD (unique items)
S11	0	S6(S)S5

10/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06544594 Supplier Number: 55373477 (USE FORMAT 7 FOR FULLTEXT)  
**ScanData Systems.**  
Automatic I.D. News, v15, n9, p33  
August, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 57

XX

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
An Internet order distributor of prescription pharmaceuticals and health and beauty products, drugstore.com, is using ScanData Systems' order verification system. The...

10/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06526074 Supplier Number: 55302953 (USE FORMAT 7 FOR FULLTEXT)  
**Walgreens gears for opening of its own Internet pharmacy.**  
FREDERICK, JAMES  
Drug Store News, v21, n11, pCP1  
July 19, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1286

... the chain will base its reorder system for online prescription deliveries within its high-speed **prescription drug mail-order pharmacy** and **distribution** center in Tempe, Ariz. When the chain rolls out a full line of front-end...

10/3,K/3 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05869287 Supplier Number: 53026368 (USE FORMAT 7 FOR FULLTEXT)  
**Leading Home Healthcare Provider Uses Forte to Build and Integrate Applications to Support Business Growth.**  
PR Newswire, p8795  
Sept 28, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 610

XX

... and securely transports vital information among Forte and several non-Forte applications, including Patient Registration, **Pharmacy Prescription Management, Pharmacy Distribution Network**, Billing and Accounts **Receivable**, Inventory, and **Order Entry**.

OEMM processes orders from wholesalers, pharmacy chains and the wholesale physician's network. It also performs inventory management...

10/3,K/4 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04723611 Supplier Number: 46954163 (USE FORMAT 7 FOR FULLTEXT)  
**McKesson Health Systems Introduces New Medication Tracking System;**

**Automated Healthcare, Inc.'s AcuScanRx Reduces Medication Errors,  
Enhances Patient Monitoring.**

Business Wire, pl2090064

Dec 9, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 671

... physician order entry systems, medication bar coding, systems for reporting adverse drug events, unit-dose **medication distribution**, **pharmaceutical** care programs, **order** review by pharmacists and systemwide analysis and solutions. -0-

Note to Editors: McKesson news releases...

**10/3,K/5 (Item 5 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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04323560 Supplier Number: 46337842 (USE FORMAT 7 FOR FULLTEXT)

**American Drug Stores**

Drug Store News, p99

April 29, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1066

... called Interactive Voice Response (IVR), allows physicians and patients in some markets to phone their **prescription refill orders** directly into the **pharmacy** computer **network**. The system routes the order to the correct neighborhood Osco or Sav-on pharmacy and...

**10/3,K/6 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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08718910 SUPPLIER NUMBER: 18327218 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**American Drug Stores.(Chain Profile)**

Frederick, Jim

Drug Store News, v18, n7, p99(2)

April 29, 1996

ISSN: 0191-7587 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1274 LINE COUNT: 00107

... called Interactive Voice Response (IVR), allows physicians and patients in some markets to phone their **prescription refill orders** directly into the **pharmacy** computer **network**. The system routes the order to the correct neighborhood Osco or Sav-on pharmacy and...

**10/3,K/7 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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06453340 SUPPLIER NUMBER: 13820295 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**A doctor in the network: physician links improve access to critical data.**

**(computerized medical record network for physicians) (Cover Story)**

Bergman, Rhonda

Hospitals, v67, n9, p24(3)

May 5, 1993

DOCUMENT TYPE: Cover Story ISSN: 0018-5973 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2016 LINE COUNT: 00165

... a Denver cardiologist, uses the network to access laboratory reports from St. Anthony Hospital, send **prescription refill orders** to **pharmacies** on the **network** and communicate with other physicians.

When a physician refers a patient to Okin for a...

10/3,K/8 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 Resp. DB Svcs. All rts. reserv.

2538359 Supplier Number: 02538359 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Walgreens gears for opening of its own Internet pharmacy**  
**(Walgreens gearing up to launch online pharmacy; patients will still have to mail prescription or have doctor fax it or call it in)**  
Drug Store News, v 21, n 11, p CPl+  
July 19, 1999  
DOCUMENT TYPE: Journal ISSN: 0191-7587 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1286

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...the chain will base its reorder system for online prescription deliveries within its high-speed **prescription drug mail-order pharmacy** and **distribution** center in Tempe, Ariz. When the chain rolls out a full line of front-end...

10/3,K/9 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 Resp. DB Svcs. All rts. reserv.

1913393 Supplier Number: 01913393 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Pharmacy Services Group of Florida**  
**(1996 directory of prescription benefit managers provides data on Pharmacy Services Group of Florida: address, revenues, no of clients, lives covered, retail network, services, officers, etc.)**  
Business Insurance, v 31, n 31, p 38  
August 04, 1997  
DOCUMENT TYPE: Journal ISSN: 0007-6864 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 207

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...3 registered pharmacists

PBM services since: 1983.

Parent: Managed Healthcare Systems Inc.; primary business: mail **order prescription** services.  
Services: Retail **pharmacy network**, mail- **order distribution**, claims **processing**, online claims processing, concurrent utilization review, disease management, retrospective utilization review, benefit design consulting, formulary...

10/3,K/10 (Item 3 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 Resp. DB Svcs. All rts. reserv.

1913390 Supplier Number: 01913390 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Managed Pharmacy Benefits Inc**

(1996 directory of prescription benefits managers provides data on Managed Pharmacy Benefits Inc: address, revenues, no of clients, lives covered, retail network, services, officers, etc.)

Business Insurance, v 31, n 31, p 36

August 04, 1997

DOCUMENT TYPE: Journal ISSN: 0007-6864 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 230

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...20

Includes: 7 registered pharmacists

PBM services since: 1989.

Parent: Cardinal Health Inc.; primary business: **prescription drug distribution** .

Services: Retail **pharmacy network** , mail- **order distribution** [a], claims **processing** , online claims processing, concurrent utilization review, disease management, retrospective utilization review, benefit design consulting, formulary...

**10/3,K/11 (Item 4 from file: 9)**

DIALOG(R)File 9:Business & Industry(R)

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1076327 Supplier Number: 01076327 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Bronner Drops Disney, Wins Medco**

(Bronner Slosberg Humphrey won the ad account for Medco Containment

**Services but resigned one for Disney vacation services)**

AdWeek New England, v XXXI, n 47, p 5

November 21, 1994

DOCUMENT TYPE: Journal ISSN: 0888-0840 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 228

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...a Montvale, N.J.-based subsidiary of pharmaceuticals giant Merck & Co.

Medco is a mail- **order distributor** of **prescription pharmaceuticals** with annual sales of nearly \$2 billion. Billings on the account, which had no formal...

**10/3,K/12 (Item 5 from file: 9)**

DIALOG(R)File 9:Business & Industry(R)

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1020059 Supplier Number: 01020059

**Maine legislation bans discriminatory pricing**

(The state of Maine has become the first in the US to pass laws banning discriminatory pricing practices by drug makers)

Chain Drug Review, v 16, n 10, p 1+

May 09, 1994

DOCUMENT TYPE: Journal ISSN: 0164-9914 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...will no longer have to subsidize the "artificially" reduced prices that are charged to mail- **order prescription distribution** services, HMO **pharmacies** and hospital pharmacies. Although Wisconsin is the only state to have a like law on...

10/3,K/13 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01872869 05-23861

**Who's got the goods?**

Gurin, Rick

Automatic I.D. News v15n9 PP: 28-34 Aug 1999

ISSN: 0890-9768 JRNL CODE: AIN

WORD COUNT: 3384

...TEXT: purchased the Catalyst WMS to run its Internet fulfillment center.  
363

CONTRACTS AWARDED...An Internet **order distributor** of **prescription pharmaceuticals** and health and beauty products, drugstore.com, is using ScanData Systems' order verification system. The...

XX

10/3,K/14 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00792918 94-42310

**Managing health care**

Anonymous

Compensation & Benefits Review v25n6 PP: 65-71 Nov/Dec 1993

ISSN: 0886-3687 JRNL CODE: CPR

WORD COUNT: 3299

...TEXT: the benefits, however, entails contracting with a pharmacy provider--either a supplier of discounted mail **order refills** or **pharmacy networks** that **fill prescriptions** inexpensively for individuals with special cards--to keep track of utilization and watch for harmful...

10/3,K/15 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

05177188 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**IntegraMed Reports First Quarter Results - First Quarter Revenues Increase 26.3% -**

PR NEWSWIRE

May 03, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 2128

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... TM) Suite of fertility care information systems; and launching IntegraMed Pharmaceutical Services, Inc., a mail **order pharmacy** for retail **distribution** of fertility **medication**.

"First quarter revenues and Reproductive Science Center contributions continue to improve," said Gerardo Canet, President...